

# Certificate of Analysis

## Compound Information

**Product Name:** Benzyl (S)-(-)-1,2,3,4-tetrahydro-3-isoquinolinecarboxylate p-toluenesulfonic acid salt  
**CAS No.:** 77497-97-3  
**Cat. No.:** G9165932  
**Molecular Formula:**  $C_{17}H_{17}NO_2 \cdot C_7H_8O_3S$   
**Molecular Weight:** 439.53

## Batch Information

**Batch No.:** 9409382  
**Test Date:** 2023-12-17  
**Report Date:** 2023-12-18  
**Retest Date:** 2029-06-13  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	98%+(HPLC)	99.96%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	-61	-61.95

## Conclusion

The product has been tested and complies with the given specifications.

## Signature

Reviewed by :



Reviewed by:



Approved by:

